

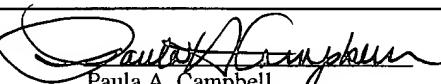
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PTO/SB/05 (12/97)

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Atty. Docket No.	FJN-060DV	Total pages	241
	<i>First named Inventor or Application Identifier</i>			
	Masaaki Goto			
	Express Mail Label No.:	EM400954365US		

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, D.C. 20231		
1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)		6. <input type="checkbox"/> Microfiche Computer Program (<i>Appendix</i>)		
2. <input checked="" type="checkbox"/> Specification [Total Pages 91] (preferred arrangement set forth below)		7. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>		
- Descriptive title of the Invention		<input type="checkbox"/> Computer Readable Copy		
- Cross References to Related Applications		b. <input checked="" type="checkbox"/> Paper Copy (identical to computer copy) from parent application		
- Statement Regarding Fed sponsored R&D		c. <input type="checkbox"/> Statement verifying identify of above copies		
- Reference to Microfiche Appendix		ACCOMPANYING APPLICATION PARTS		
- Background of the Invention		8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))		
- Brief Summary of the Invention		9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>		
- Brief Description of the Drawings (if filed)		10. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)		
- Detailed Description		11. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations		
- Claim(s)		12. <input checked="" type="checkbox"/> Preliminary Amendment		
- Abstract of the Disclosure		13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>		
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 11]		14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) Status still proper and desired		
4. Oath or Declaration [Total Sheets 1]		15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>		
a. <input type="checkbox"/> Newly executed (original or copy)		16. <input type="checkbox"/> Other:		
b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <i>[Note Box 5 below]</i>				
i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).				
5. <input checked="" type="checkbox"/> Incorporation by Reference (usable if Box 4b is checked) The entire Disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.				
17. If a CONTINUING APPLICATION , check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: 08/915,004				
18. CORRESPONDENCE ADDRESS				
Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110 Tel: (617) 248-7475 Fax: (617) 248-7100		Date: April 17, 1998 Reg. No.: 32,503 Phone No.: (617) 248-7263 Facsimile: (617) 248-7100  Paula A. Campbell Attorney for Applicants Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110		

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FEE TRANSMITTAL

*Note: Effective October 1, 1997.
Patent fees are subject to annual revision*

TOTAL AMOUNT OF PAYMENT (\$ 6,552.00)

Complete if Known

Application Number					
Filing Date					
First Named Inventor	Masaaki Goto				
Group Art Unit					
Examiner Name					

Attorney Docket Number FJN-060DV

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 20-0531

Deposit Account Name: 20-0531

Charge Any Additional Fee Required Under 37 CFR 1.18 at the Mailing of the Notice of Allowance

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

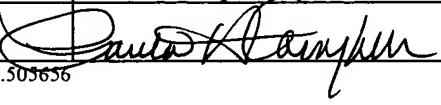
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	253	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	950	217	475	Extension for reply within third month	
118	1,510	218	755	Extension for reply within fourth month	
128	2,060	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	3353	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt.	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) _____

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

SUBMITTED BY:				Complete (if applicable)	
Typed or Printed Name	Paula A. Campbell			Reg. Number	32,503
Signature		Date	04/17/98	Deposit Account User ID	20-0531

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

188PAC3999/63.505656